

USDA National Nutrient Database for Standard Reference Release 28

Statistics Report 02053, Vinegar, distilled ^a

Report Date: October 27, 2015 12:37 EDT

Nutrient values and weights are for edible portion.

Nutrient	Unit	Value Per 100 g	Data Points	Std. Error	Min	Max	df	LB	UB	# Studies	Source	NDB Ref	Last Modified
Proximates													
Water ¹	g	94.78	--	0.078	94.63	94.87	2.0	94.446	95.117	1	Analytical or derived from analytical		-- 01/2005
Energy ^b	kcal	18	--	--	--	--	--	--	--	--	Calculated or imputed		-- 03/2005
Energy	kJ	76	--	--	--	--	--	--	--	--	Calculated or imputed		-- 03/2005
Protein ¹	g	0.00	--	0.000	0	0	--	--	--	1	Analytical or derived from analytical		-- 01/2005
Total lipid (fat) ¹	g	0.00	--	0.000	0	0	--	--	--	1	Analytical or derived from analytical		-- 01/2005
Ash	g	0.02	--	--	--	--	--	--	--	--	Calculated or imputed		-- 05/2014
Carbohydrate, by difference	g	0.04	--	--	--	--	--	--	--	--	Calculated or imputed		-- 03/2005
Fiber, total dietary	g	0.0	--	--	--	--	--	--	--	--	Calculated or imputed		-- 03/2005
Sugars, total	g	0.04	--	--	--	--	--	--	--	--	Calculated or imputed		-- 01/2005
Minerals													
Calcium, Ca ^{1,2}	mg	6	--	2.160	3	8	1.0	-21.806	33.086	2	Aggregated data involving combinations of source codes 1 & 12		-- 03/2005
Iron, Fe ¹	mg	0.03	--	0.001	0.02	0.03	2.0	0.022	0.029	1	Analytical or derived from analytical		-- 01/2005

Nutrient	Unit	Value Per 100 g	Data Points	Std. Error	Min	Max	df	LB	UB	# Studies	Source	NDB Ref	Last Modified
Magnesium, Mg ¹	mg	1	--	0.212	1	1	2.0	0.074	1.899	1	Analytical or derived from analytical	--	01/2005
Phosphorus, P ¹	mg	4	--	0.110	4	4	2.0	3.424	4.369	1	Analytical or derived from analytical	--	01/2005
Potassium, K ^{1,2}	mg	2	--	0.103	1	3	1.0	0.783	3.41	2	Aggregated data involving combinations of source codes 1 & 12	--	03/2005
Sodium, Na ^{1,2}	mg	2	--	0.493	1	3	1.0	-4.475	8.061	2	Aggregated data involving combinations of source codes 1 & 12	--	03/2005
Zinc, Zn ¹	mg	0.01	--	0.003	0	0.01	2.0	-0.004	0.018	1	Analytical or derived from analytical	--	01/2005
Copper, Cu ¹	mg	0.006	--	0.001	0	0.01	2.0	--	0.011	1	Analytical or derived from analytical	--	01/2005
Manganese, Mn ¹	mg	0.055	--	0.035	0.01	0.12	2.0	-0.095	0.205	1	Analytical or derived from analytical	--	01/2005
Selenium, Se	µg	0.5	--	0.150	--	--	--	--	--	--	Analytical or derived from analytical	--	12/1997
Vitamins													
Vitamin C, total ascorbic acid	mg	0.0	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	03/2005
Thiamin	mg	0.000	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	03/2005

Nutrient	Unit	Value Per100 g	Data Points	Std. Error	Min	Max	df	LB	UB	# Studies	Source	NDB Ref	Last Modified
Riboflavin	mg	0.000	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	03/2005
Niacin	mg	0.000	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	03/2005
Pantothenic acid	mg	0.000	--	--	--	--	--	--	--	--	Assumed zero	--	11/2006
Vitamin B-6	mg	0.000	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	03/2005
Folate, total	µg	0	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	03/2005
Folic acid	µg	0	--	--	--	--	--	--	--	--	Assumed zero	--	12/2002
Folate, food	µg	0	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	03/2005
Folate, DFE	µg	0	--	--	--	--	--	--	--	--	Calculated or imputed	--	11/2006
Choline, total	mg	0.0	--	--	--	--	--	--	--	--	Assumed zero	--	11/2006
Vitamin B-12	µg	0.00	--	--	--	--	--	--	--	--	Assumed zero	--	03/2005
Vitamin B-12, added	µg	0.00	--	--	--	--	--	--	--	--	Assumed zero	--	09/2004
Vitamin A, RAE	µg	0	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	03/2005
Retinol	µg	0	--	--	--	--	--	--	--	--	Assumed zero	--	12/2002
Carotene, beta	µg	0	--	--	--	--	--	--	--	--	Assumed zero	--	12/2002
Carotene, alpha	µg	0	--	--	--	--	--	--	--	--	Assumed zero	--	12/2002
Cryptoxanthin, beta	µg	0	--	--	--	--	--	--	--	--	Assumed zero	--	12/2002

Nutrient	Unit	Value Per100 g	Data Points	Std. Error	Min	Max	df	LB	UB	# Studies	Source	NDB Ref	Last Modified
Vitamin A, IU	IU	0	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	03/2005
Lycopene	µg	0	--	--	--	--	--	--	--	--	Assumed zero	--	12/2002
Lutein + zeaxanthin	µg	0	--	--	--	--	--	--	--	--	Assumed zero	--	12/2002
Vitamin E (alpha-tocopherol)	mg	0.00	--	--	--	--	--	--	--	--	Assumed zero	--	12/2002
Vitamin E, added	mg	0.00	--	--	--	--	--	--	--	--	Assumed zero	--	09/2004
Vitamin D (D2 + D3)	µg	0.0	--	--	--	--	--	--	--	--	Assumed zero	--	11/2008
Vitamin D	IU	0	--	--	--	--	--	--	--	--	Assumed zero	--	02/2009
Vitamin K (phylloquinone) ³	µg	0.0	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	01/2003
Lipids													
Fatty acids, total saturated	g	0.000	--	--	--	--	--	--	--	--	Calculated or imputed	--	03/2005
4:0	g	0.000	--	--	--	--	--	--	--	--	Calculated or imputed	--	02/1995
6:0	g	0.000	--	--	--	--	--	--	--	--	Calculated or imputed	--	02/1995
8:0	g	0.000	--	--	--	--	--	--	--	--	Calculated or imputed	--	02/1995
10:0	g	0.000	--	--	--	--	--	--	--	--	Calculated or imputed	--	02/1995
12:0	g	0.000	--	--	--	--	--	--	--	--	Calculated or imputed	--	02/1995
14:0	g	0.000	--	--	--	--	--	--	--	--	Calculated or imputed	--	02/1995
16:0	g	0.000	--	--	--	--	--	--	--	--	Calculated or imputed	--	02/1995
18:0	g	0.000	--	--	--	--	--	--	--	--	Calculated or imputed	--	02/1995
Fatty acids, total monounsaturated	g	0.000	--	--	--	--	--	--	--	--	Calculated or imputed	--	03/2005

Nutrient	Unit	Value Per100 g	Data Points	Std. Error	Min	Max	df	LB	UB	# Studies	Source	NDB Ref	Last Modified
16:1 undifferentiated	g	0.000	--	--	--	--	--	--	--	--	Calculated or imputed	--	02/1995
18:1 undifferentiated	g	0.000	--	--	--	--	--	--	--	--	Calculated or imputed	--	02/1995
20:1	g	0.000	--	--	--	--	--	--	--	--	Calculated or imputed	--	02/1995
22:1 undifferentiated	g	0.000	--	--	--	--	--	--	--	--	Calculated or imputed	--	02/1995
Fatty acids, total polyunsaturated	g	0.000	--	--	--	--	--	--	--	--	Calculated or imputed	--	03/2005
18:2 undifferentiated	g	0.000	--	--	--	--	--	--	--	--	Calculated or imputed	--	02/1995
18:3 undifferentiated	g	0.000	--	--	--	--	--	--	--	--	Calculated or imputed	--	02/1995
18:4	g	0.000	--	--	--	--	--	--	--	--	Calculated or imputed	--	02/1995
20:4 undifferentiated	g	0.000	--	--	--	--	--	--	--	--	Calculated or imputed	--	02/1995
20:5 n-3 (EPA)	g	0.000	--	--	--	--	--	--	--	--	Calculated or imputed	--	02/1995
22:5 n-3 (DPA)	g	0.000	--	--	--	--	--	--	--	--	Calculated or imputed	--	02/1995
22:6 n-3 (DHA)	g	0.000	--	--	--	--	--	--	--	--	Calculated or imputed	--	02/1995
Fatty acids, total trans	g	0.000	--	--	--	--	--	--	--	--	Assumed zero	--	03/2005
Cholesterol	mg	0	--	--	--	--	--	--	--	--	Assumed zero	--	03/2005
Other													
Alcohol, ethyl	g	0.0	--	--	--	--	--	--	--	--	Assumed zero	--	03/2005
Caffeine	mg	0	--	--	--	--	--	--	--	--	Assumed zero	--	12/2002
Theobromine	mg	0	--	--	--	--	--	--	--	--	Assumed zero	--	12/2002

Sources of Data¹Nutrient Data Laboratory, ARS, USDA National Food and Nutrient Analysis Program Wave 7h, 2003 Beltsville MD²The Vinegar Institute Nutrient content of vinegars, 2002 Atlanta GA³G. Ferland, D. MacDonald, J.A. Sadowski Development of a diet low in vitamin K (phylloquinone), 1992 J. American Dietetic Assoc 92 5 pp.593-597**Footnotes**

^a Contains 5% acetic acid. Total proximates do not equal 100%.
^b Acetic acid is included in energy calculation.